

Santiago Garca-Granda

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

685
papers

10,902
citations

47
h-index

66
g-index

812
ext. papers

11,621
ext. citations

4
avg, IF

5.81
L-index

#	Paper	IF	Citations
685	Synthesis, Temperature Behavior, and Hydrolytic Stability of NaZr and CaZr Phosphate Molybdates and Phosphate Tungstates. <i>Inorganic Materials</i> , 2022 , 58, 78-89	0.9	0
684	Structural and Electronic Effect Driven Distortions in Visible Light Absorbing Polar Materials TaVO ($=$ Sr, Pb).. <i>Journal of Physical Chemistry C</i> , 2022 , 126, 8047-8055	3.8	0
683	Crystal structures of six 4-(4-nitro-phenyl)-piperazin-1-ium salts.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022 , 78, 510-518	0.7	0
682	Synthesis, crystal structure and noncovalent study of 1,5-Bis[1-(4-Fluorophenyl)ethylidene]-carbohidrazide. <i>Journal of Molecular Structure</i> , 2022 , 1265, 133347 ^{3,4}	3.4	0
681	Structural characterization, thermal analysis, electric and dielectric properties of a novel organic-inorganic hybrid compound based on iron fluoride. <i>Journal of Alloys and Compounds</i> , 2021 , 162956 ^{5,7}	5.7	0
680	Crystal structure studies of 4-ethyl-piperazin-1-ium 3,5-di-nitro-benzoate, 4-methyl-piperazin-1-ium 3,5-di-nitro-benzoate and 4-methyl-piperazin-1-ium 4-iodo-benzoate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 1135-1139	0.7	1
679	Sol-Gel Processing of Water-Soluble Carbon Nitride Enables High-Performance Photoanodes*. <i>ChemSusChem</i> , 2021 , 14, 2170-2179	8.3	5
678	Electrical and dielectric investigation, thermal analysis and vibrational spectroscopic study on the new hydrogenoarsenate tellurate conductor. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021 , 265, 114981	3.1	0
677	Supramolecular Self-Assembly Built by Weak Hydrogen, Chalcogen, and Unorthodox Nonbonded Motifs in 4-(4-Chlorophenyl)-3-[(4-fluorobenzyl)sulfanyl]-5-(thiophen-2-yl)-4-1,2,4-triazole, a Selective COX-2 Inhibitor: Insights from X-ray and Theoretical Studies. <i>ACS Omega</i> , 2021 , 6, 6996-7007	3.9	3
676	Invariant and Variable Supramolecular Self-Assembly in 6-Substituted Uracil Derivatives: Insights from X-ray Structures and Quantum Chemical Study. <i>Crystal Growth and Design</i> , 2021 , 21, 3234-3250	3.5	0
675	Synthesis, Thermal Expansion Behavior and Sintering of Sodium Zirconium Nickel and Calcium Zirconium Nickel Phosphates. <i>Inorganic Materials</i> , 2021 , 57, 529-540	0.9	1
674	Structural Insights of Three 2,4-Disubstituted Dihydropyrimidine-5-carbonitriles as Potential Dihydrofolate Reductase Inhibitors. <i>Molecules</i> , 2021 , 26,	4.8	1
673	Crystal structure, Hirshfeld surface analysis, vibrational and optical properties of organic-inorganic hybrid compound (C ₁₃ H ₁₆ N ₂) ₅ (BiCl ₆) ₃ Cl. <i>Journal of Molecular Structure</i> , 2021 , 1231, 129826	3.4	2
672	Thermal behavior and physicochemical studies of phase transitions before the decomposition in the selenate tellurate protonic conductor material. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 145, 2295-2306	4.1	2
671	Expression of Concern: Influence of iron doping on the photocatalytic activity of nanocrystalline TiO ₂ particles fabricated by ultrasound method for enhanced degradation of organic dye. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 2654-2654	2.1	0
670	Expression of Concern: Synthesis, structural, optical, morphological and magnetic characterization of copper substituted nickel ferrite (Cu _x Ni _{1-x} Fe ₂ O ₄) through co-precipitation method. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 2650-2650	2.1	0
669	Expression of concern: Synthesis and characterization of Co-doped nano-TiO ₂ through coprecipitation method for photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 2653-2653	2.1	1

668	Structural characterization and colour of Ni ₃ Co _x P ₂ O ₈ (0 ≤ x ≤ 1) materials. <i>SN Applied Sciences</i> , 2021 , 3, 1	1.8	
667	Structural and spectroscopic studies, DFT calculations, thermal characterization and antimicrobial activity of cobalt(II) organic-inorganic hybrid material with benzamidinium cation. <i>Journal of Coordination Chemistry</i> , 2021 , 74, 1505-1521	1.6	1
666	Experimental and in silico studies of dichloro-tetrakis(1H-pyrazole)-cobalt(II): Structural description, photoluminescent behavior and molecular docking. <i>Journal of Molecular Structure</i> , 2021 , 1235, 130266	3.4	1
665	Optical, thermal, vibrational and structural investigation to characterize phase transitions in the ammonium sulfate tellurate. <i>Journal of Molecular Structure</i> , 2021 , 1242, 130816	3.4	0
664	Ceramic pigments from Co _x Ni _{3-x} P ₂ O ₈ (0 ≤ x ≤ 1) solid solutions. <i>Ceramics International</i> , 2021 , 47, 29888-29899	3.1	0
663	Investigation of the new ammonium phosphate protonic conductor: Crystal structure, vibrational study, electric and dielectric properties. <i>Journal of Molecular Structure</i> , 2021 , 1244, 130906	3.4	0
662	New mixed compound Cs _{2.8} Tl _{1.2} (SO ₄) _{1.48} (SeO ₄) _{0.52} [Te(OH) ₆] ₂ : Synthesis, structural characterization, vibrational studies and phase transitions. <i>Inorganic Chemistry Communication</i> , 2020 , 118, 108003	3.1	
661	Synthesis and crystal structure of a new copper (II) complex, designed to produce efficient successor of Cu ₂ O, toward synergy of adsorption and photodegradation of MB. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5639	3.1	2
660	Elaboration, crystal structure, characterization and DFT calculation of a new Hg(II) inorganic-organic hybrid salt [C ₆ H ₁₆ N ₂ O]HgCl ₄ . <i>Journal of Solid State Chemistry</i> , 2020 , 286, 121280	3.3	5
659	Elaboration, crystal structure, vibrational, optical properties, thermal analysis and theoretical study of a new inorganic-organic hybrid salt [C ₄ H ₁₂ N ₂] ₄ Pb ₂ Cl ₁₁ ·4H ₂ O. <i>Journal of Molecular Structure</i> , 2020 , 1211, 128056	3.4	2
658	Structural study, spectroscopic characterization, thermal behavior, DFT calculations and antimicrobial properties of a new hybrid compound, (C ₇ H ₉ N ₂) ₂ [HgCl ₄]·4H ₂ O. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 506-523	1.6	4
657	Characterization of yellow and red inorganic pigments from Mg _{0.5} Cu _{1.5} V _x P ₂ O ₇ (0 ≤ x ≤ 1) solid solutions. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	3
656	The Synthesis and Thermal Expansion Behavior of Sodium and Calcium Zirconium Copper Phosphates. <i>Inorganic Materials</i> , 2020 , 56, 388-394	0.9	1
655	Advanced core-shell EDTA-functionalized magnetite nanoparticles for rapid and efficient magnetic solid phase extraction of heavy metals from water samples prior to the multi-element determination by ICP-OES. <i>Mikrochimica Acta</i> , 2020 , 187, 289	5.8	12
654	Spiro[1,2]oxaphosphetanes of Nonstabilized and Semistabilized Phosphorus Ylide Derivatives: Synthesis and Kinetic and Computational Study of Their Thermolysis. <i>Journal of Organic Chemistry</i> , 2020 , 85, 14570-14591	4.2	0
653	Crystal structure, Hirschfield surface analysis, thermal and DFT investigation accomplished with photoluminescence study of bis(N, N-diethylethylenediammonium)decabromodiantimoinate(III). <i>Journal of Molecular Structure</i> , 2020 , 1221, 128828	3.4	1
652	Synthesis, Characterization, Crystal Structure, and Thermal Behavior of New Triazolium Salt Along with Docking Studies. <i>Journal of Structural Chemistry</i> , 2020 , 61, 366-376	0.9	
651	Structure, spectroscopic measurement, thermal studies and optical properties of a new non-centrosymmetric hybrid compound. <i>Journal of Molecular Structure</i> , 2019 , 1198, 126867	3.4	5

650	Beige materials for the ceramic industry: $\text{Al}_x\text{V}_y\text{Fe}_{1-x}\text{P}_{1-y}\text{O}_4$ (0.0 $\leq x \leq$ 0.3, 0.0 $\leq y \leq$ 0.1) solid solutions. <i>Ceramics International</i> , 2019 , 45, 8271-8278	5.1	1
649	Structural characterization, Hirshfeld surface analysis, vibrational (FT-IR and Raman) and optical properties of the tris (4-Bromo-N, N-dimethylanilinium) hexachlorobismuthate (III). <i>Journal of Molecular Structure</i> , 2019 , 1195, 641-652	3.4	2
648	In situ X-ray diffraction and the internal friction study of the binary yellow 18-carat gold alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019 , 759, 514-519	5.3	1
647	The crystal structure of visible light absorbing piezoelectric semiconductor $\text{SrNb}_2\text{V}_2\text{O}_{11}$ revisited: high-resolution X-ray diffraction, vibrational spectroscopy and computational study. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 5497-5505	7.1	2
646	Synthesis, crystal structure, vibrational spectroscopy, DFT, optical study and thermal analysis of a new stannate(IV) complex based on 2-ethyl-6-methylanilinium $(\text{C}_9\text{H}_{14}\text{N})_2[\text{SnCl}_6]$. <i>Journal of Molecular Structure</i> , 2019 , 1186, 31-38	3.4	16
645	Investigation of the order-disorder phase transition series in AuCu by in-situ temperature XRD and mechanical spectroscopy. <i>Journal of Alloys and Compounds</i> , 2019 , 770, 748-754	5.7	5
644	A novel hybrid iron fluoride based on 8-hydroxyquinoline: Crystal structure, thermal decomposition, spectroscopic characterization, and magnetic properties. <i>Inorganica Chimica Acta</i> , 2019 , 496, 119033	2.7	2
643	Thermal Expansion of Scheelite-Like Molybdate Powders and Ceramics. <i>Inorganic Materials</i> , 2019 , 55, 730-736	0.9	3
642	Synthesis and molecular structure of a new metal-organic complex based on Zn(II) and quinoline, a precursor for fabrication of ZnO nanoparticles applicable in the photocatalytic reactions. <i>Journal of Molecular Structure</i> , 2019 , 1197, 217-226	3.4	6
641	Crystal structure, phase transitions, dielectric and vibrational studies and photoluminescence properties of a new iron fluoride based on bipyridine. <i>Journal of Solid State Chemistry</i> , 2019 , 277, 395-403	3.3	3
640	Synthesis, crystal structure, physico-chemical characterization and theoretical study of a new Pb(II) complex $[\text{C}_{10}\text{H}_{22}\text{N}_2]_3\cdot\text{PbCl}_5\cdot 3\text{Cl}\cdot 3\text{H}_2\text{O}$. <i>Journal of Molecular Structure</i> , 2019 , 1185, 259-267	3.4	1
639	Impact of Co Substitution on Microstructure and Magnetic Properties of CoZnFeO Nanoparticles. <i>Nanomaterials</i> , 2019 , 9,	5.4	46
638	Water and oxoanion encapsulation chemistry in a 1H-pyrazole azacryptand. <i>New Journal of Chemistry</i> , 2019 , 43, 18915-18924	3.6	
637	Structural, vibrational and thermal properties of a new inorganic compound: $\text{Ti}_{0.92}(\text{NH}_4)_{0.08}(\text{SO}_4)_{0.65}(\text{SeO}_4)_{0.35}\text{Te}(\text{OH})_6$. <i>Research on Chemical Intermediates</i> , 2019 , 45, 1357-1379	2.8	2
636	$\text{Co}_2\text{P}_2\text{O}_7/\text{Ni}_2\text{P}_2\text{O}_7$ solid solutions: Structural characterization and color. <i>Journal of the American Ceramic Society</i> , 2019 , 102, 3695-3704	3.8	10
635	Unraveling the Role of Supramolecular Additives in a Proline-Catalyzed Reaction. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 188-198	3.2	
634	Hydrothermal synthesis, thermal decomposition and optical properties of $\text{Fe}_2\text{F}_5(\text{H}_2\text{O})(\text{Htaz})(\text{taz})(\text{Hdma})$. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 2519-2523	5.9	2
633	Synthesis, crystal structure, photoluminescence and dielectric properties of a new organotin(II) compound: tetrachlorocadmiate (II) 2,2'-bipyridinium. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 5413-5426	2.1	6

632	Structure, thermal decomposition, vibrational and impedance spectroscopy studies of an rubidium cesium phosphate tellurate $\text{Rb}_{1.84}\text{Cs}_{0.16}\text{HPO}_4\text{Te}(\text{OH})_6$. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 131, 2795-2808	4.1	2
631	Synthesis, crystal structure, vibrational and optical properties of a new Pb(II) complex (2-hydroxyethyl)piperazine-1,4-dium tetrachloroplombate(II) $\text{C}_6\text{H}_{16}\text{N}_2\text{OPbCl}_4$. <i>Inorganica Chimica Acta</i> , 2018 , 476, 38-45	2.7	6
630	Structure characterization, photoluminescence and dielectric properties of a new hybrid compound containing chlorate anions of zincate (II). <i>Journal of Molecular Structure</i> , 2018 , 1158, 221-228	3.4	8
629	Sev and pcu topological nets in one-pot newly synthesized mixed-ligand imidazole-containing Cu(II) coordination frameworks: Crystal structure, intermolecular interactions, theoretical calculations, magnetic behavior and biological activity. <i>Inorganica Chimica Acta</i> , 2018 , 478, 59-70	2.7	5
628	Synthesis, crystal structure, characterizations and magnetic study of a novel two-dimensional iron fluoride. <i>Journal of Solid State Chemistry</i> , 2018 , 262, 343-350	3.3	6
627	Preparation, molecular structure, vibrational and photoluminescence study of a novel compound based chlorocadmiate (II) material. <i>Journal of Molecular Structure</i> , 2018 , 1165, 42-50	3.4	3
626	Synthesis, crystal structure, thermal analysis, dielectric properties and electrical conduction mechanisms of the new mixed solid solution of thallium rubidium sulfate selenate tellurate. <i>Journal of Alloys and Compounds</i> , 2018 , 749, 448-464	5.7	9
625	Synthesis and characterization of Co-doped nano-TiO ₂ through co-precipitation method for photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 8914-8922	2.1	7
624	Metastable phase in binary and ternary 12-carat gold alloys at low temperature. <i>Materials Research Express</i> , 2018 , 5, 046503	1.7	3
623	Influence of iron doping on the photocatalytic activity of nanocrystalline TiO ₂ particles fabricated by ultrasound method for enhanced degradation of organic dye. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 6019-6031	2.1	9
622	Crystal structure, Hirshfeld surfaces computational study and physicochemical characterization of the hybrid material $(\text{C}_7\text{H}_{10}\text{N})_2[\text{SnCl}_6] \cdot 4\text{H}_2\text{O}$. <i>Journal of Molecular Structure</i> , 2018 , 1152, 276-286	3.4	20
621	New Phosphate-Sulfates with NZP Structure. <i>Russian Journal of Inorganic Chemistry</i> , 2018 , 63, 714-724	1.5	7
620	Preparation and Thermal Expansion of Calcium Iron Zirconium Phosphates with the $\text{NaZr}_2(\text{PO}_4)_3$ Structure. <i>Inorganic Materials</i> , 2018 , 54, 591-595	0.9	5
619	Synthesis, crystal structure and characterization of a new organic-inorganic hybrid material 4-(ammonium methyl) piperidinium hexachloro stanate (II) trihydrate. <i>Journal of Molecular Structure</i> , 2018 , 1155, 536-547	3.4	8
618	Preparation of NZP-Type $\text{Ca}_{0.75} + 0.5x\text{Zr}_{1.5}\text{Fe}_{0.5}(\text{PO}_4)_3 \cdot (\text{SiO}_4)_x$ Powders and Ceramic, Thermal Expansion Behavior. <i>Inorganic Materials</i> , 2018 , 54, 1267-1273	0.9	6
617	Synthesis, crystal structure, vibrational, optical properties, thermal analysis and theoretical study of a new Sn(IV) complex $(\text{C}_5\text{H}_{14}\text{N}_2)_2[\text{SnCl}_6] \cdot 2.5\text{H}_2\text{O}$. <i>Solid State Sciences</i> , 2018 , 86, 77-85	3.4	10
616	Synthesis, crystal structure, DFT (B3LYP/LanL2DZ) and photoluminescence study of new stanate (IV) based inorganic-organic hybrid. <i>Journal of Physics and Chemistry of Solids</i> , 2018 , 121, 177-185	3.9	6
615	The ability of a fibrous titanium oxophosphate for nitrogen-adsorption above room temperature. <i>Chemical Communications</i> , 2017 , 53, 2249-2251	5.8	4

614	Sonochemical synthesis, characterization, and effects of temperature, power ultrasound and reaction time on the morphological properties of two new nanostructured mercury(II) coordination supramolecule compounds. <i>Ultrasonics Sonochemistry</i> , 2017 , 37, 382-393	8.9	13
613	Crystal structure and characterization of a novel layered copper-lithium phosphonate with antiferromagnetic intrachain Cu(II)⋯Cu(II) interactions. <i>Journal of Solid State Chemistry</i> , 2017 , 248, 61-67	3.3	6
612	Structure, spectroscopic measurement, thermal studies and optical properties of a new hybrid compound of aquapentachloroindoidate(III) complex. <i>Journal of Molecular Structure</i> , 2017 , 1142, 73-79	3.4	15
611	Cycloaurated Phosphinothioic Amide Complex as a Precursor of Gold(I) Nanoparticles: Efficient Catalysts for A3 Synthesis of Propargylamines under Solvent-Free Conditions. <i>Organometallics</i> , 2017 , 36, 1962-1973	3.8	14
610	Structural, vibrational and optical properties of a new self assembled organic/inorganic crystal (C ₄ H ₇ N ₂) [CdCl ₃ (H ₂ O)]. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 12698-12710	2.1	7
609	Influence of the structure of CrPO ₄ on the formation of CrV _x P _{1-x} O ₄ solid solutions and their colour. <i>Ceramics International</i> , 2017 , 43, 11488-11494	5.1	6
608	Synthesis, crystal structure, vibrational spectroscopy and photoluminescence of new hybrid compound containing chlorate anions of stanate (II). <i>Journal of Molecular Structure</i> , 2017 , 1141, 660-667	3.4	17
607	Structural characterization and colour of Ni ₃ V _x P _{2-x} O ₈ (0 ≤ x ≤ 2) and Ni ₂ V _y P _{2-y} O ₇ (0 ≤ y ≤ 2) materials. <i>Results in Physics</i> , 2017 , 7, 1095-1105	3.7	11
606	Structural characterization and physicochemical features of new hybrid compound containing chlorate anions of cadmate (II). <i>Journal of Molecular Structure</i> , 2017 , 1141, 390-399	3.4	12
605	Fluoroferrate templated with HAMTAZ: X-ray single crystal, thermal behaviour, vibrational study and magnetic characterization. <i>Journal of the Iranian Chemical Society</i> , 2017 , 14, 1513-1518	2	
604	Analysis of Shannon entropy for protein crystallization and prediction of crystallization pH and precipitants. <i>Journal of Crystal Growth</i> , 2017 , 459, 146-152	1.6	
603	Synthesis, structural, optical, morphological and magnetic characterization of copper substituted nickel ferrite (Cu _x Ni _{1-x} Fe ₂ O ₄) through co-precipitation method. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 18480-18488	2.1	23
602	Kinetics and Mechanistic Insights into the Acetate-Assisted Dimerization of Terminal Alkynes under Ruthenium- and Acid-Promoted (RAP) Catalysis. <i>Organometallics</i> , 2017 , 36, 3830-3840	3.8	15
601	A coordination polymer of mercury(II) formed by triazole-based and chloride linkers. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017 , 72, 573-577	1	1
600	Half-sandwich iron(ii) complexes with protic acyclic diaminocarbene ligands: synthesis, deprotonation and metalation reactions. <i>Dalton Transactions</i> , 2017 , 46, 10387-10398	4.3	5
599	Structural single crystal, thermal analysis and vibrational studies of the new rubidium phosphate tellurate Rb ₂ HPO ₄ RbH ₂ PO ₄ ·Te(OH) ₆ . <i>Journal of Saudi Chemical Society</i> , 2017 , 21, 324-333	4.3	7
598	A novel salt of antidiabetic drug metformin resulting from a proton transfer reaction: Synthesis, characterization, crystal structure and solution studies. <i>Journal of Molecular Structure</i> , 2017 , 1131, 30-35	3.4	14
597	Influences of temperature, power ultrasound and reaction time on the morphological properties of two new mercury(II) coordination supramolecular compounds. <i>Ultrasonics Sonochemistry</i> , 2017 , 34, 968-977	8.9	31

596	Syntheses and crystal structures of two adamantyl-substituted 1,2,4-triazole-5-thione -Mannich bases. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1135-1139	0.7	2
595	The structural behaviour before the ionic-protonic superconduction phase transition and thermal properties in the caesium sulphate arsenate tellurate compound. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016 , 123, 391-400	4.1	6
594	Ionic-protonic conduction analysis and dielectric relaxation behavior of the rubidium ammonium arsenate tellurate. <i>Ionics</i> , 2016 , 22, 251-260	2.7	11
593	Synthesis, characterization, crystal structure and antimicrobial studies of a novel Cu(II) complex based on itaconic acid and nicotinamide. <i>Journal of Molecular Structure</i> , 2016 , 1125, 570-575	3.4	11
592	Synthesis, structural study and phase transitions characterization by thermal analysis and vibrational spectroscopy of an ammonium rubidium arsenate tellurate. <i>Chemical Research in Chinese Universities</i> , 2016 , 32, 902-911	2.2	7
591	Crystal structure of N ⁺ -[(1E)-(2,6-dichlorophenyl)-methylidene]adamantane-1-carbohydrazide, C ₁₈ H ₂₀ Cl ₂ N ₂ O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016 , 231, 1037-1039	0.2	2
590	Bronsted acidic ionic liquid catalyzed synthesis of poly-substituted hydroquinolines through diastereoselective, one-pot and pseudo-eight-component reaction. <i>Journal of Saudi Chemical Society</i> , 2016 , 20, 349-356	4.3	9
589	Synthesis of a new Cd(II)-Ni(II) hetero-metallic coordination polymer base on citric acid ligand. X-ray structure, thermal stability, XPS and fluorescence studies. <i>Journal of Molecular Structure</i> , 2016 , 1105, 105-111	3.4	10
588	A pseudo-tetragonal tungsten bronze superstructure: a combined solution of the crystal structure of K _{6.4} (Nb,Ta) _(36.3) O ₉₄ with advanced transmission electron microscopy and neutron diffraction. <i>Dalton Transactions</i> , 2016 , 45, 973-9	4.3	11
587	Crystal structure of 5-(adamantan-1-yl)-3-[(4-chloroanilino)methyl]-2,3-dihydro-1,3,4-oxadiazole-2-thione, C ₁₉ H ₂₂ ClN ₃ OS. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016 , 231, 301-303	0.2	1
586	Mn(II) and Zn(II) ions catalytic oxidation of o-phenylenediamine and characterization, X-ray crystal structure and solution study of the final products DAPH+Cl ₂ BH ₂ O and [DAPH][Zn(dipicH)(dipic)] ₄ H ₂ O. <i>Polyhedron</i> , 2016 , 110, 55-62	2.7	4
585	Crystal structure of 6-(2-fluorophenyl)-3-phenyl-[1,2,4]-triazolo[3,4-b][1,3,4]thiadiazole, C ₁₅ H ₉ FN ₄ S. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016 , 231, 661-663	0.2	1
584	Effect of chromium substitution on the structural and magnetic properties of nanocrystalline zinc ferrite. <i>Materials Chemistry and Physics</i> , 2016 , 174, 164-171	4.4	40
583	Synthesis, crystal structure, spectroscopic characterization and theoretical study of (2E)-N-phenyl-2-(pyridin-3-ylmethylidene)hydrazinecarboxamide. <i>Journal of Molecular Structure</i> , 2016 , 1105, 322-331	3.4	7
582	Crystal structure of 3-[[4-(2-methoxyphenyl)piperazin-1-yl]methyl]-5-(thiophen-2-yl)-1,3,4-oxadiazole-2(3H)-thione. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 269-72	0.7	1
581	Crystal structure solution of K _{6.4} (Nb,Ta) _{36.3} O ₉₄ compound, by using advanced TEM 2016 , 989-990		
580	Synthesis, Structures and Luminescence Properties of Metal-Organic Frameworks Based on Lithium-Lanthanide and Terephthalate. <i>Polymers</i> , 2016 , 8,	4.5	10
579	Influence of heat treatment on the magnetic and magnetocaloric properties in Nd _{0.6} Sr _{0.4} MnO ₃ compound. <i>Solid State Sciences</i> , 2016 , 57, 1-8	3.4	2

578	Crystal structure of 2,2?-diamino-[1,1?-biphenyl]-4,4?-dicarboxylic acid dihydrate, C ₁₄ H ₁₆ N ₂ O ₆ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016 , 231, 65-67	0.2	2
577	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis of Zn(II) and Cd(II) complexes based on isonicotinoylhydrazone ligand. <i>CrystEngComm</i> , 2016 , 18, 4587-4596	3.3	25
576	Ab initio crystal structure determination, thermal behaviour, and magnetic characterization of a new nickel coordination polymer based on carboxyethylphosphonic acid and 4,4?-bipyridine. <i>Inorganica Chimica Acta</i> , 2016 , 448, 78-85	2.7	0
575	Crystal structure of 2-[(4-fluorobenzyl)sulfanyl]-4-(2-methylpropyl)-6-oxo-1,6-dihydropyrimidine-5-carbonitrile, C ₁₆ H ₁₆ FN ₃ OS. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016 , 231, 285-287	0.2	1
574	Temperature-Dependent Supramolecular Isomerism of Lutetium-Aminoterephthalate Metal-Organic Frameworks: Synthesis, Crystallography, and Physical Properties. <i>Crystal Growth and Design</i> , 2016 , 16, 5636-5645	3.5	20
573	Diastereoselective Synthesis of Novel Benzofuran Derivatives by Euparin as a Natural Compound with DMAD in the Presence of Trialkyl Phosphite. <i>Heteroatom Chemistry</i> , 2016 , 27, 102-107	1.2	3
572	Structure, thermal behavior and characterization of a new hybrid iron fluoride FeF ₄ (2,2?-bipyridine)(H ₂ O) ₂ . <i>Chemical Research in Chinese Universities</i> , 2015 , 31, 16-20	2.2	3
571	Synthesis, characterization, crystal structure and solution studies of a novel proton transfer (charge transfer) complex of 2,2?-dipyridylamine with 2,6-pyridine dicarboxylic acid. <i>Journal of Molecular Structure</i> , 2015 , 1089, 184-190	3.4	8
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492	2,5-Dibromo-indan-1-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2795-6		
491	2,3-Dihydro-1H-cyclo-penta-[b]naphthalen-1-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o687		1
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17	Structure of 3-(4-bromophenyl)-5-n-butylglutaramic acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1989 , 45, 1645-1647		
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